

AIR POLLUTION CONTROL SECTION
DIVISION OF OCCUPATIONAL HEALTH
MICHIGAN DEPARTMENT OF PUBLIC HEALTH
3500 North Logan Street, Lansing, Michigan 48914

APPLICATION NO.

97-68

US EPA RECORDS CENTER REGION 5



472963

APPLICATION TO THE AIR POLLUTION CONTROL COMMISSION

for authority to construct, install or alter

and

for permit to operate process, fuel burning, refuse burning and/or air pollution control equipment

1. PERMIT TO BE ISSUED TO: (Business License Name of Corporation, Partnership, Individual Owner, Governmental Agency)

Michigan Standard Alloys, Inc.

2. MAILING ADDRESS: (Number, Street, City or Village, Zip Code)

Box 691, Benton Harbor, Michigan 49022

3. EQUIPMENT OR PROCESS LOCATION: (Number, Street, City or Village, Township, Zip Code)

Arthur Mendel Road, Benton Harbor, Michigan 49022

4. TYPE OF ORGANIZATION:



Corporation



Partnership



Individual Owner



Governmental Agency

5. GENERAL NATURE OF BUSINESS:

Aluminum smelting

6. EQUIPMENT DESCRIPTION: Application is hereby made for permission to construct, install or alter and to operate the following equipment:

Pyrotec Model 400 Aluminum Chip Dryer and Smoke Incinerator

Maximum Primary Heat for Drying 4,200,000 BTU/hr

For Smoke Incineration 8,500,000 BTU/hr

Building Height Approximately 37'0" above grade

Stack Height Approximately 75'0" above grade

Approximately 1500 pounds/hour of mixed oil contaminants to be incinerated

The system is designed to satisfy the following under normal operation:

1. The particulate emission loading shall not exceed 0.1 pounds per thousand pounds of gas.
2. The gases or particulate material emitted from the combustion unit shall not create a nuisance in a surrounding neighborhood or on the grounds of the facility in terms of odor, visibility interference and particulate fallout.
3. Any toxic materials introduced for combustion shall be thermally decomposed so as not to create a health hazard at the facility site or in the surrounding neighborhood.

7. ESTIMATED COST:

Air Pollution Control Equipment \$ 190,000

Total Project \$ 250,000

8. PRESENT STATUS OF EQUIPMENT: (Check and complete applicable items)

	Estimated Starting Date	Estimated Completion Date
(x) Construction or installation not started	5-3-68	8-30-68
() Construction or installation partly completed		
() Construction completed		
() Equipment is to be altered		
() Equipment is partly altered		
() Equipment has been altered		
() Change of location and/or ownership		

9. NAME OF PRIOR OWNER AS IN (1) ABOVE, AND PRIOR AIR POLLUTION CONTROL PERMIT NUMBER, IF ANY:

(Name)

(Permit Number)

10. TYPE OR PRINT NAME AND TITLE OF OWNER OR AUTHORIZED MEMBER OF FIRM:

(Name) Jay Fowler

(Title) V.P. Operations

(Signature)

Jay Fowler

(Date) 5-3-68

(Phone No.) 925-2195

11. DISPOSITION OF APPLICATION:

Permit to install approved and issued on 5/3/68

Signature

Bernard Bloomfield

Permit to operate approved and issued on JAN 30 1973

Signature

John B. Sest

MDPH
USE ONLY

January 30, 1973

Michigan Standard Alloys, Inc.
Box 691
Benton Harbor, Michigan 49022

Attention: Mr. Jay Fowler, Vice President of Operations

Gentlemen:

Enclosed is permit No. 97-68 for the operation of the aluminum chip dryer and afterburner control for use located at your plant on Arthur Mendel Road, Benton Harbor.

Evaluation of performance in operation by Mr. Dick VandeBunt of our staff indicates that control of emissions is satisfactory at this time.

This permit is based on continued adequate maintenance and adequate control of emissions. The permit to operate will remain in effect for such time as the facilities covered by the permit continue to comply with all rules of the Michigan Air Pollution Control Commission and any conditions attached to the permit approval.

Thank you for your cooperation. Please contact this office if you have any further questions.

Very truly yours,

BUREAU OF INDUSTRIAL HEALTH AND
AIR POLLUTION CONTROL

Charl G. Oviatt, Engineer
Division of Air Pollution Control

CGO:kbn
cc: Dick VandeBunt
Enclosure